

## SQL Constraints Lab

Start up SQLite and perform the following steps. You may find it easier to do your work in a text editor, and then paste into SQLite.

1. Start up SQLite and turn on foreign key constraint checking: `PRAGMA foreign_keys = ON;`
2. Create a table actor, with fields 'name' and 'birthyear'. Figure out good domains for the fields, and don't add a primary key
3. Try to add actor Simon Pegg (born 1970) into the table twice
4. Drop the 'actor' table.
5. Create the actor table again, but this time add an integer ID field that will be the primary key.
6. Try to insert actor Simon Pegg again. Use an ID value of 1 both times.
7. Drop the actor table and revise it again, this time requiring that birthyear be greater than 1900.
8. Insert Simon Pegg again, and then try to insert an actor into the actor table with ID 3, name 'Neil Old', and birthyear 1754.